

2007 Engineering Conference Breakout Period 3.

1. Transportation Fairs

Track: Public Involvement

Presenters: Myron Lee, Geoff Dupaix, Andy Neff, Angelo Popastamos, Tamerha Maxwell, Justin Smart (Langdon Group)

Synopsis: If you work in planning, project management, environmental, and even construction and you notice a lot of transportation projects within a specific area, what can you do to help the public not get overwhelmed with all the information from the different projects? Come find out about transportation fairs and how they can help the public see how projects fit within the bigger transportation picture. This presentation will show you why and when to use them.

Time Required: 90 Minutes

10. Mountain View Corridor Update

Track: Environmental

Presenter: MVC Team

Synopsis: An update of the Mountain View Corridor Project.

Time Required: 90 Minutes

23. Maintenance Planning and Operations: “Where we’ve been, where we are, and where we are going”

Track: Maintenance

Presenters: Tim Ularich, Mike Marz, Lloyd Neeley, Eugene Simon (AgileAssets)

Synopsis: This session will take a look at the history and development of maintenance management practices using computer systems and the current development of the Operations Management System (OMS). The first part of the session will be a PowerPoint highlighting MMS, MMQA, and MFI in their current form. The second part will be a demonstration of some of the functions within OMS that will help with the implementation of Zero Based Budgeting (ZBB) for maintenance and construction budgets. The session will wrap up with a Q&A period.

Time Required: 90 minutes

24. Context Sensitive Solutions (CSS) Institutionalization – Are we there yet? Where are we heading?

Track: Project Management

Presenters: Angelo Papastamos

Synopsis: Come see the new CSS Inner-web site, learn how to get CSS certified, and interact with some true champions of UDOT’s CSS Philosophy. You will hear a few success stories of implementing UDOT’s CSS Philosophy from a few different perspectives and of course, being context sensitive, you will have an opportunity to share with us your CSS thoughts and perspectives.

Time Required: 90 minutes

32. Accomplishing UDOT's Final 4 Strategic Goals using Low Cost ITS Concepts

Track: ITS / Traffic Management / Safety

Primary Presenters: Mark Taylor, Ralph Paterson, Danielle Herrscher, Dr. Grant G. Schultz, Ph.D., P.E., PTOE

Synopsis: This session will cover the following topics: Ramp Metering Benefits, Advanced Warning Signs, Traffic Signal Dilemma Zone Safety and Efficiency using Radar, Variable Lane Use, RWIS, and Flashing Yellow Arrow for Permissive Left Turns.

Time Required: 90 minutes

44. Highway Financing in Utah

Track: Systems Planning and Programming

Presenters: Linda Hull, Robert Pelly and Max Ditlevsen

Synopsis: An update/overview of all federal and state sources of funds for projects, including include a short piece on the ePM /STIP module to show how all funding is tracked and to showcase some functionalities of the system.

Time Required: 90 minutes

57. Concrete Overlay

Track: Materials

Presenters: Ron Youngman, PE, CO/WY ACPA, Mitzi McIntyre, UT Chapter, ACPA

Synopsis: Concrete overlays can serve as cost-effective maintenance and rehabilitation solutions for almost any combination of existing pavement type and condition, desired service life, and anticipated traffic loading. Inch for inch, concrete overlays are one of the most cost-effective, recyclable pavement alternatives.

Time Required: 90 minutes

70. Accelerated Bridge Construction (ABC) Techniques (1/2 Day)

Track: Structures/Research/Hydraulics/Right of Way

Presenters: Richard Miller, Boyd Wheeler, Danny Page, and Designers of ABC Projects

Synopsis: A look into the future of structural construction, replacement, and rehabilitation in Utah using accelerated bridge construction (ABC). ABC will be used on all upcoming projects that include major structural work in order to significantly reduce impacts to the roadways. This half day session will present many of the methods of ABC, lessons learned, and issues, challenges, and successes of ABC. It will also showcase several projects at all levels of design and construction, such as the cutting edge SPMT (Self-Propelled Modular Transport) replacement of the 4500 South over I-215 structure. There will be an hour and a half round table discussion for anyone to bring up their questions or concerns.

Time Required: ½ Day Workshop